

ABSTRACT OF THE DISCLOSURE

The invention concerns an apparatus for detecting pressure in an engine combustion chamber comprising a functional member (1) mounted in an orifice (3) of a cylinder head (5) and a pressure sensor (19) axially pressed against one part (1b) linked to the functional member, via a bearing surface (17) fixed relative to the cylinder head, so as to enable the sensor to detect a displacement of the functional member upon combustion pressure variations. A mechanical link between the functional member and the cylinder head (5) is provided via an additional means (15, 17) fixedly linked to said cylinder head and part at least of said additional means exerts a pressure on the sensor (19) defining said bearing surface in fixed position relative to the cylinder head when the functional member mounted on the cylinder head (5) is in operation ready to be subjected to the pressure in the combustion chamber.